

IN THE SPECIFICATION

Page 1, before line 1, insert the following new section:

--CROSS-REFERENCES TO RELATED APPLICATIONS

This is a continuation of application Serial No. 08/895,886 filed on July 17, 1997, which is a continuation of application Serial No. 08/534,841 filed on September 27, 1995, which is a continuation of application Serial No. 07/859,850 filed on March 30, 1992, now U.S. Patent No. 5,495,572.--;

lines 9-11, delete in their entirety insert --in parallel is disclosed in Japanese Kokai 1-250128 corresponding to U.S. Patent Application Serial No. 07/118,785 filed on November 6, 1987, now U.S.

Patent No. 4,870,643, and Japanese Kokai 2-135555.--;

line 15, delete "striped" insert --divided--, delete "unit, byte unit" insert --units, byte units--;

line 16, delete "unit," insert --units,--;

line 21, delete "striped up" insert --divided--.

Page 3, line 1, delete "the" (second occurrence);

line 2, delete in its entirety insert --code and error check code (ECC) methods.--;

line 10, delete "inspite" insert --in spite--.

Page 4, line 15, delete "comprising:" insert --including--;

line 16, delete "striping" insert --dividing--;

line 17, delete "unit, bite unit" insert --units, byte units--;

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line 18, delete "unit" insert --units--, delete  
"striped" insert --divided--;  
line 20, delete "striped" insert --divided--;  
line 23, delete "I/O" insert --an I/O operation--.

Page 5, line 15, delete "processing";  
line 16, delete in its entirety insert --amount of  
the data reconstruction within a unit time.--;  
line 27, delete "has a room for" insert --is less  
than--.

Page 6, line 6, delete "room in the" insert --remaining--;  
line 10, delete "a room in the" insert --some  
remaining--;  
line 12, delete "accumulating totals of";  
line 13, delete "which was";  
line 18, delete "the" insert --a--;  
line 19, delete "the" (first occurrence), after  
"night" insert a comma;  
line 22, delete "the" (third occurrence) insert  
--a--;  
line 26, after "reconstruction" insert --within a  
unit time,--.

Page 8, line 11, delete the second comma;  
line 12, delete "the";  
line 21, delete "room" insert --remaining  
redundancy--.

Page 9, line 1, delete "room" insert --remaining  
redundancy--;

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line 12, delete "it can proceed to the" insert  
--a--;

line 13, after "processing" insert --can be  
performed--;

line 19, delete "state." insert --state (Step  
90).--;

line 21, delete "Steps" insert --steps--;

line 23, delete "the description will be given to";

line 25, delete "of" insert --will be described with  
reference to--;

line 28, delete "I/O" insert --an I/O operation--.

Page 10, line 2, delete "the" (second occurrence) insert  
--a--;

line 3, delete "is occurring" insert --has  
occurred--;

line 8, delete "reconstruction," insert  
--reconstruction within a unit time,--;

line 10, delete "that" insert --whether--;

line 12, after "range" insert a comma;

line 13, delete "the";

line 14, delete "getting" insert --which are  
entering--;

line 15, delete "into", delete "to monitor" insert  
--and monitors--;

line 18, delete "on referring" insert --below with  
respect--;

line 23, delete "with" insert --based on--;

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line 27, delete "write" insert --writing--.

Page 11, line 5, delete "158 to" insert --158, 160, 162, 164, 166, and--;

line 7, delete "striped" insert --divided--, delete "the six" insert --six data--, delete "as the";

line 8, delete "data discs";

line 10, delete "the";

line 11, delete "striped six" insert --divided--, delete "discs 158 to" insert --six data discs 158, 160, 162, 164, 166, and--;

line 14, delete "data 158 to 168." insert --divided data stored in the six data discs 158, 160, 162, 164, 166, and 168.--;

line 15, delete "which the memory has" insert --of the memory--;

line 17, delete "the" (second occurrence);

line 18, delete in its entirety insert --more than a certain number of the discs break down,--;

line 19, delete "certain number,";

line 20, delete "the";

line 21, delete "even", delete "data" insert --discs--;

line 22, delete "i.e., the" insert --when--;

line 24, delete "the" (first occurrence) insert --an--, delete "stands up to" insert --can compensate for--;

line 26, delete "the" (first occurrence);

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N.E.

line 27, after "redundancy" insert a comma;

line 28, delete "Code." insert --code.--.

Page 12, line 1, delete "Code" insert --code--;

line 4, delete "units" insert --discs--;

line 6, delete "the" insert --a--, delete "unit,"  
insert --disc,--;

line 7, delete "unit" insert --disc--;

line 8, delete "those discs" insert --spare storage  
discs--;

line 10, delete "description will now be given to  
the";

line 11, delete "fault." insert --fault will now be  
described with reference to Fig. 3.--;

line 16, delete "faulty data" insert --failure--;

line 22, delete "unit";

line 24, delete "to inform" insert --and informs--.

Page 13, line 5, delete "to" insert --in--;

line 8, delete "to" insert --in--;

line 11, delete "to" insert --in--;

line 13, delete "to" insert --in--;

line 15, delete "to" insert --in--, delete  
"address." insert --the sector or address of the  
failure.--;

line 19, delete "Step." insert --step.--;

line 20, delete "Step," insert --step,--;

line 26, delete "on referring" insert --below with  
reference--.

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N.E.

Page 14, line 3, delete "state." insert --state (Step 112).--;

line 5, delete "then, the above Steps" insert --and the above steps--;

line 6, delete "will be" insert --are--;

line 7, delete "Even if" insert --When--;

line 10, delete "the" (second occurrence) insert --a--;

line 15, delete "of" insert --for--, delete "in" insert --is--;

line 18, delete "the" (second occurrence) insert --a--;

line 22, delete "have" insert --be in--;

line 23, delete in its entirety insert --units, sector units, word units, or any other units.--;

line 24, delete "the description will be given to";

line 25, delete "on referring" insert --will be described with reference--;

line 27, delete "of" (second occurrence) insert --for--;

line 28, delete "is not" insert --has not been--.

Page 15, line 2, delete "the" (first occurrence) insert --a--;

line 3, after "than" insert --or equal to--;

line 5, delete "is a room" insert --some remaining--;

line 6, delete "in the";

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line 7, after "preference" insert a comma;  
line 13, delete "the redundancy has no room," insert  
--there is no remaining redundancy,--;  
line 17, delete "with" insert --on the basis of--;  
line 19, delete "for" insert --in--;  
line 27, delete "the".

Page 16, line 7, delete "the" (first occurrence) insert  
--indicate--;  
line 8, delete "the" (first occurrence) insert  
--indicate--;  
line 10, delete "write of" insert --writing--;  
line 11, delete "to" insert --which would  
normally--;  
line 14, delete "the" (first occurrence) insert  
--indicate--;  
line 18, delete "Code" insert --code--, delete "the  
multiplex dissipation" insert --errors in--;  
line 19, delete "with", delete "have" insert --be--;  
line 20, delete "integral" insert --integer--;  
line 24, after "the" (second occurrence) insert  
--last--;  
line 25, after "constructed" insert a comma, delete  
"at the last time,";  
line 26, delete "performed" insert --continued--;  
line 27, after "the" (second occurrence) insert  
--last--;  
line 28, delete "at the last time".

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Page 17, line 2, delete "154 and thus" insert --154, thus indicating that--;

line 4, delete "of" insert --at--;

line 9, delete "to" insert --in--;

line 10, delete "the" (second occurrence) insert --indicate--;

line 12, delete "will" insert --can--;

line 24, delete "for" insert --in a--;

line 25, delete "the" (first occurrence).

Page 18, line 2, delete "can be," insert --can,--;

line 3, after "discs," insert --be--;

line 4, delete "the description will be given to" insert --another example of--;

line 5, delete "on referring" insert --will be described with reference--;

line 7, delete "of" (second occurrence) insert --for--;

line 10, delete "the" insert --a--;

line 11, delete the second comma;

line 18, delete "there is a room";

line 19, delete "for", delete "reconstruction." insert --reconstruction can be deferred.--;

line 28, delete "difference".

Page 19, line 1, delete in its entirety insert

--reconstruction time is--;

line 3, delete in its entirety insert --that the data reconstruction cannot be deferred.--;



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line 12, delete "the" (second occurrence) insert  
--a--;

line 14, delete "the description will be given to"  
insert --another example of--;

line 15, delete "on referring" insert --will be  
described with reference--;

line 18, after "is" insert --in--;

line 25, delete "the time zone," insert --in a time  
zone having much processing of the normal access or  
read/write,--;

line 28, after "that" insert --time is in a--,  
delete "has" insert --having--.

Page 20, line 2, after "threshold," insert --is--;

line 3, delete "is";

line 4, delete "is", delete "for" insert --within--;

line 14, delete "embodiments" insert --examples--;

line 20, delete "the description will be given to"  
insert --another example of--;

line 21, delete "on referring" insert --will be  
described with reference--;

line 27, delete "it is not" insert --the time is not  
in--.

Page 21, line 5, delete "it is" insert --the time is in--;

line 13, delete "it is" insert --the time is in--;

line 16, delete "exceptionally" insert  
--preferentially--;

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line 20, delete "the description will be given to"  
insert --another example of--;

line 21, delete "on referring" insert --will be  
described with reference--;

line 25, delete "accumulating totals of the data";

line 26, delete "reconstruction time" insert --time  
taken to reconstruct the faulty data--.

Page 22, line 2, delete "accumulating";

line 3, delete "totals of the data reconstruction  
time" insert --time taken to reconstruct the faulty  
data--;

line 5, delete "the" (first occurrence) insert  
--a--;

line 7, delete "the" insert --a--;

line 10, delete "the accumu-";

line 11, delete in its entirety;

line 12, delete "reconstruction." insert  
--reconstruction can be deferred.--;

line 17, delete "and";

line 18, delete "is limitlessly" insert --may have  
any magnitude--;

line 19, after "threshold," insert --and thus--;

line 21, after "of" (second occurrence) insert  
--the--;

line 27, after "reconstruction" insert --within the  
unit time--.

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